## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A device for the continuous manufacture of microparticles or nanoparticles from at least one aqueous phase and one organic phase comprising:

a homogenization compartment in the form of a cylinder ~~(1)~~ which is defined by a tubular wall forming the casing of said cylinder and by a first side wall and a second side wall which are positioned at each end of said tubular wall;

the device additionally comprising a first inlet and a second inlet ~~(2, 3)~~ which pass through said first side wall and which are appropriate for respectively delivering an organic phase and an aqueous phase to the homogenization compartment ~~(1)~~ and an outlet ~~(5)~~ appropriate for extracting a particle suspension from the homogenization compartment ~~(1)~~;

the homogenization compartment ~~(1)~~ including a mixing system ~~(4)~~ comprising a rotor ~~(11)~~/stator ~~(12)~~ combination, ~~characterized in that~~wherein

a) said side walls are positioned along a vertical plane,

b) the axis of symmetry of said cylinder is positioned horizontally,

c) the rotor ~~(11)~~ is installed so that it rotates about a horizontal axis which passes through said second side wall,

d) said first inlet ~~(2)~~ is a hollow tube positioned in the extension of the axis of the rotor (11) and comprises a ~~final part~~tip ~~(6)~~ situated inside the rotor ~~(11)~~ and inside the stator ~~(12)~~, and

e) the homogenization compartment ~~(1)~~ exhibits a top side on which said outlet ~~(5)~~ is situated.

2. (currently amended) The device as claimed in claim 1, ~~characterized in that~~wherein the rotor ~~(11)~~ and the stator ~~(12)~~ are cylindrical in shape.

3. (cancelled)

4. (currently amended) The device as claimed in ~~any one of the preceding claims~~ claim 1, ~~characterized in that~~wherein the first inlet ~~(2)~~ comprises perforations ~~(10)~~.

5. (currently amended) The device as claimed in claim 4, ~~characterized in that~~wherein the number of perforations ~~(10)~~ is from 1 to 20.

6. (currently amended) The device as claimed in claim 4 ~~or 5~~, ~~characterized in that~~wherein the perforations ~~(10)~~ have a diameter from 0.01 mm to 1 mm.

7. (currently amended) The device as claimed in ~~any one of the preceding claims~~ claim 1, ~~characterized in that~~wherein the dimensions of the rotor ~~(11)~~/stator ~~(12)~~ combination are such that the mixing~~said~~ system occupies 4% to 40% of the volume of the homogenization compartment ~~(1)~~.

8-12. (cancelled)

13. (new) The device as claimed in claim 5, wherein the rotor and the stator comprise a row of teeth and that the spacing between the teeth is from 1 to 4 mm.